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Application No. 10/667,375
Reply to Office Action dated February 1, 2008

Docket No.: 3449-0273P

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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for displaying a digital broadcasting, the method comprising:

displaying an ~~audio-video~~^{audio/video} (A/V) broadcast signal and a first data broadcast signal based on an Open Cable based broadcasting standard;

tuning to a second data broadcast signal based on an ATSC (Advanced Television Systems Committee) based broadcasting standard different than the Open Cable based broadcasting standard in response to a request for a modification of the first data broadcast signal being displayed; and

displaying the tuned second data broadcast signal based on the ATSC based broadcasting standard,

wherein when the A/V broadcast signal is a first A/V broadcast signal including the first data broadcast signal, the first A/V broadcast signal is received and tuned through a first tuner,

wherein when the A/V broadcast signal is a second A/V broadcast signal including the second data broadcast signal, the second A/V broadcast signal is received and tuned through a second tuner,

wherein when the first A/V broadcast signal is received and tuned through the first tuner, a first transport packet processor connected to an output of the first tuner extracts the first data broadcast signal from the first A/V broadcast signal, and when the second A/V broadcast signal is received and tuned through the second tuner, a second transport packet processor connected to an output of the second tuner extracts the second data broadcast signal from the second A/V broadcast signal, and

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wherein a data processor connected to the first and second transport packet processors processes the corresponding first and second data broadcast signals, and an A/V processor connected to the first and second transport packet processors processes the corresponding first and second A/V broadcast signals such that any one of the first and second data broadcast signals can be displayed together with any one of the first and second A/V broadcast signals.

2-3. (Canceled).

4. (Currently Amended) The method according to claim 1, wherein the first ~~A/V~~ A/V broadcast signal based on the Open Cable based broadcasting standard and the second data broadcast signal based on the ATSC based broadcasting standard are simultaneously displayed on one screen in a picture in picture (PIP).

5. (Previously presented) A digital broadcasting display method comprising:
receiving and tuning at least one of a first and second audio/video (A/V) broadcast signals through a corresponding first and second tuners, said first and second A/V broadcast signals being based on corresponding Open Cable based broadcasting and ATSC (Advanced Television Systems Committee) based broadcasting standards that are different from each other;
extracting first and second data broadcast signals from the first and second A/V broadcast signals via first and second transport packet processors connected to the first and second tuners, respectively;

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processing the first and second A/V broadcast signals with an A/V processor connected to the first and second transport packet processors;

processing the first and second data broadcast signals with a data processor connected to the first and second transport packet processors; and

displaying any one of the first and second A/V broadcast signals with any one of the first and second data broadcast signals.

6-7. (Canceled).

8. (Currently Amended) The method according to claim 5, wherein the first A/V-A/V broadcast signal based on the Open Cable based broadcasting standard and the second data broadcast signal based on the ATSC based broadcasting standard are simultaneously displayed on one screen in a picture in picture (PIP).

9. (Currently amended) A digital broadcasting display method comprising:

tuning first and second audio/visual/audio/video (A/V) broadcast signals based on different Open Cable based broadcasting and ATSC (Advanced Television Systems Committee) based broadcasting standards, the first and second A/V broadcast signals being received and tuned through first and second tuners, respectively;

extracting first and second data broadcast signals from the first and second A/V broadcast signals via first and second transport packet processors connected to the first and second tuners, respectively; and

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displaying, via a display unit connected to the first and second transport packet processors, any one of the first and second A/V broadcast signals with any one of the first and second data broadcast signals.

10-12. (Canceled).

13. (Previously presented) The method according to claim 9, further comprising tuning the second broadcast signal received through the second tuner in response to a request for a modification of the first and second A/V broadcast signals being displayed.

14. (Previously presented) The method according to claim 9, wherein the first A/V broadcast signal tuned by said first tuner and the second data broadcast signal received through said second tuner are simultaneously displayed on one screen in a manner of picture in picture (PIP).

15. (Previously presented) An apparatus for displaying a digital broadcast signal, the apparatus comprising:

at least first and second tuners configured to selectively tune first and second audio/video (A/V) broadcast signals received according to different Open Cable based broadcasting and ATSC (Advanced Television Systems Committee) based broadcasting standards, respectively;

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first and second transport packet processors respectively connected to the first and second tuners and configured to extract first and second data broadcast signals from the first and second A/V broadcast signals;

an A/V processor connected to the first and second transport packet processors and configured to process the first and second A/V broadcast signals;

a data processor connected to the first and second transport packet processors and configured to process the first and second data broadcast signals; and

a controller connected to the first and second transport packet processors and configured to display on a display any one of the first and second data broadcast signals with any one of the first and second A/V broadcast signals in response to a request from a user.

16-19. (Canceled).

20. (New) The method according to claim 1, wherein the tuning step tunes to the second data broadcast signal based on the ATSC based broadcasting standard without a user requesting for information related to the first A/V broadcast signal.

21. (New) The digital broadcasting display method according to claim 5, wherein the second A/V broadcast signal is displayed without a user requesting for information related to the first A/V broadcast signal, and the first A/V broadcast signal is displayed without a user requesting for information related to the second A/V broadcast signal.

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22. (New) The digital broadcasting display method according to claim 9, wherein the second A/V broadcast signal is displayed without a user requesting for information related to the first A/V broadcast signal, and the first A/V broadcast signal is displayed without a user requesting for information related to the second A/V broadcast signal.

23. (New) The apparatus according to claim 15, wherein the controller displays on the display the second data broadcast signal without a user requesting for information related to the first data broadcast signal, and the controller displays on the display the first data broadcast signal without a user requesting for information related to the second data broadcast signal.